

Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-21 (Canceled)

22. (Currently amended) A method of facilitating broadcast channel surfing, comprising:

receiving a plurality of current broadcast signals from a plurality of broadcast channels, the broadcast signals being configured to enable viewing of video information at a first quality level;

processing each of the plurality of broadcast signals into surfing signals of a corresponding plurality of surfing signals that provide, at most, a second quality level that is substantially poorer than the first quality level, the surfing signals being configured to enable viewing of corresponding video information at a second quality level that is substantially poorer than the first quality level; and

broadcasting the plurality of surfing signals substantially concurrent in time with the corresponding broadcast signals that are being broadcast from the plurality of broadcast channels, to enable channel surfing of the surfing signals at a remote device at a time of surfing that is not substantially different from a time of broadcasting the corresponding broadcast signals from the plurality of broadcast channels.

23. (Previously presented) The method of claim 22, wherein
broadcasting the surfing signals includes providing substantially continuous
access to the plurality of surfing signals at a corresponding plurality of Internet
addresses.

24-27 (Canceled)

28. (Currently amended) The method of claim ~~27~~ 22, wherein
the broadcasting of the plurality of surfing signals is configured to facilitate
selective reception of each surf signal.

29. (Previously presented) The method of claim 22, wherein
the processing of the broadcast signals includes:
identifying key frames in the broadcast signals, and
forming the surfing signals from the key frames.

30. (Previously presented) The method of claim 22, wherein
the first and second quality levels are based on at least one of:
an image resolution, and
a frame rate.

31. (Currently amended) A server that facilitates broadcast channel surfing, comprising:

a receiving system that is configured to receive a plurality of current broadcast signals from a plurality of broadcast channels, the broadcast signals being configured to enable viewing of video information at a first quality level,

a processor that is configured to process the plurality of broadcast signals to form a corresponding plurality of surfing signals that provide, at most, a second quality level that is substantially poorer than the first quality level, ~~the surfing signals being configured to enable viewing of corresponding video information at a second quality level that is substantially poorer than the first quality level;~~ and

a transmission system that is configured to broadcast the plurality of surfing signals substantially concurrent in time with the corresponding plurality of broadcast signals, to enable channel surfing of the surfing signals at a remote device at a time of surfing that is not substantially different from a time of broadcasting the corresponding plurality of broadcast signals.

32. (Previously presented) The server of claim 31, wherein

the transmission system includes an Internet web-server, and broadcasting the surfing signals includes providing substantially continuous access to the plurality of surfing signals at a corresponding plurality of Internet addresses.

33-36 (Canceled)

37. (Currently amended) The server of claim ~~36~~ 31, wherein

the transmission system is configured to broadcast the plurality of surfing signals so as to facilitate selective reception of each surf signal.

38. (Previously presented) The server of claim 31, wherein
the processor is configured to:

identify key frames in the broadcast signals, and
form the surfing signals based on the key frames.

39. (Previously presented) A portable device that is configured to facilitate broadcast
channel surfing, comprising:

a receiver that is configured to access a server via an Internet connection, the
server having multiple associated Internet addresses, each address corresponding to
an associated broadcast channel; and

a browser that is configured to access each of a plurality of the Internet
addresses at a given rate, to provide thereby sequential images corresponding to
each corresponding broadcast channel.

40. (Previously presented) The portable device of claim 39, wherein

the images correspond a transform of broadcast images to surfing images that
require substantially less bandwidth for communication than the broadcast images.

41. (Previously presented) The portable device of claim 40, wherein

the images differ substantially from the broadcast images with relation to at
least one of: quality, resolution, and frame-rate.

42. (Previously presented) A method of facilitating broadcast channel surfing, comprising:

receiving current broadcast signals from at least one broadcast channel, the broadcast signals being configured to enable viewing of video information at a first quality level,

encoding the broadcast signals into surfing signals to at most a second quality level that is substantially poorer than the first quality level, and

broadcasting the surfing signals substantially concurrent in time with the corresponding broadcast signals that are being broadcast from the at least one broadcast channel, to enable viewing of the surfing signals at a remote device at a time of surfing that is not substantially different from a time of broadcasting the corresponding broadcast signals from the at least one broadcast channel.

43. (Previously presented) The method of claim 42, wherein

broadcasting the surfing signals includes providing substantially continuous access to the surfing signals at one or more Internet addresses.

44. (Previously presented) The method of claim 43, wherein

the broadcast signals correspond to a plurality of broadcast transmissions from a plurality of broadcast channels, and

the surfing signals are accessed via a plurality of Internet addresses, each address of the plurality of Internet addresses corresponding to each broadcast channel of the plurality of broadcast channels.

45. (Previously presented) The method of claim 42, wherein

the surfing signals are configured to facilitate reception via a portable device.

46. (Previously presented) The method of claim 42, wherein
encoding the broadcast signals at the second quality level provides surfing
signals that consume substantially less bandwidth than signals encoded at the first
quality level.

47. (Previously presented) The method of claim 42, wherein
the broadcast signals correspond to a plurality of broadcast transmissions
from a plurality of broadcast channels, and
the surfing signals correspond to a plurality of surf signals, each surf signal of
the plurality of surf signals corresponding to each broadcast transmission from the
plurality of broadcast channels.

48. (Previously presented) The method of claim 47, wherein
the broadcasting of the surfing signals is configured to facilitate selective
reception of each surf signal.

49. (Previously presented) The method of claim 42, wherein
the processing of the broadcast signals includes:
identifying key frames in the broadcast signals, and
forming the surfing signals from the key frames.

50. (Previously presented) The method of claim 42, wherein
the first and second quality levels are based on at least one of:
an image resolution, and
a frame rate.

51. (New) The method of claim 23, wherein

the broadcast signals correspond to a plurality of broadcast transmissions from a plurality of broadcast channels, and

the surfing signals are accessed via a plurality of Internet addresses, each address of the plurality of Internet addresses corresponding to each broadcast channel of the plurality of broadcast channels.

52. (New) The method of claim 23, wherein

the broadcast signals correspond to a plurality of broadcast transmissions from a plurality of broadcast channels, and

the surfing signals are accessed via one or more Internet addresses.

53. (New) The server of claim 31, wherein

the transmission system includes an Internet web-server, and broadcasting the surfing signals includes providing substantially continuous access to the surfing signals at one or more Internet addresses.

54. (New) The server of claim 32, wherein

the broadcast signals correspond to a plurality of broadcast transmissions from a plurality of broadcast channels, and

the surfing signals are accessed via a plurality of Internet addresses, each address of the plurality of Internet addresses corresponding to each broadcast channel of the plurality of broadcast channels.

55. (New) The server of claim 32, wherein

the broadcast signals correspond to a plurality of broadcast transmissions from a plurality of broadcast channels, and

the surfing signals are accessed via one or more Internet addresses.